



NextGen Bus Plan Effectiveness Review

Operations, Safety, and Customer
Experience Committee

November 17, 2022

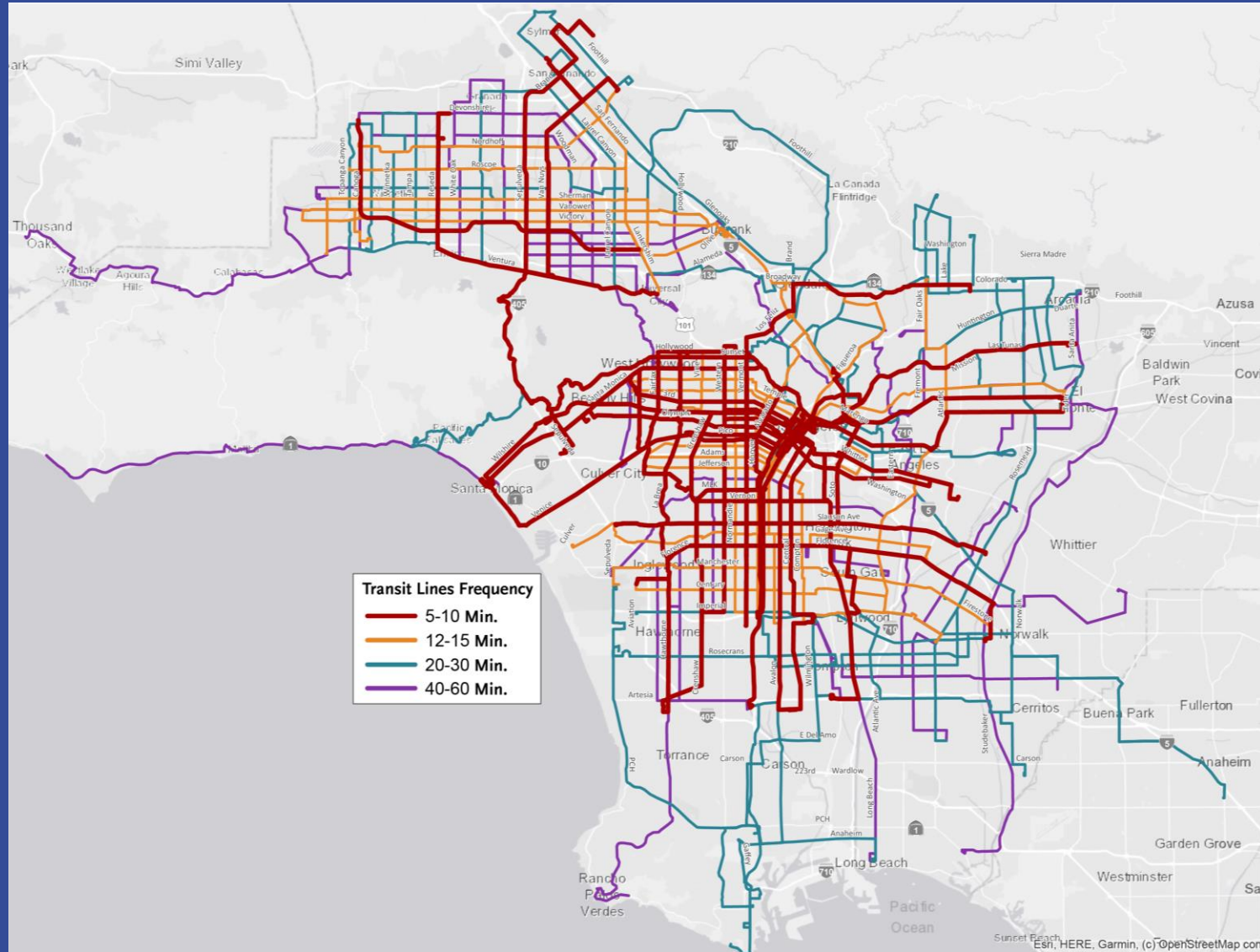


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Background

- NextGen Bus Plan set out to create a fast frequency reliable network capable of competing successfully to increase ridership.
- By December 2021, phased roll out of many NextGen route changes and frequency improvements was completed.
- This effectiveness review analyzed how trips (all trips and transit trips) made in 2019 would be completed using the NextGen Bus Plan network as implemented in December 2021.

NextGen Frequent Network



Metro

Key Findings - Access

- Through the NextGen Bus Plan, 2.2 million more people (+716%) have convenient 0.25 mile access to 10 minute or better service midday weekdays. 1.3 million of these reside in EFCs.
- Peak period weekday access to 10 minute or better service also increased by 900,000 people (+55%). 500,000 of these in EFCs.
- Over 1.1 million more jobs (+350%) were also accessible through 10 minute or better midday service under the NextGen Bus Plan, with gains of over 350,000 jobs (+33%) in peak periods.
- Access to key destinations such as grocery stores, educational colleges, parks, medical centers increased, especially midday.



Key Findings - Competitiveness

- NextGen Bus Study identified trips with transit travel time less than 2.5 times private auto travel time being able to generate a much higher transit mode share (5-6% vs 2%).
- This equates to over 580,000 extra trips (+2.4%) that were transit competitive using the NextGen Bus Plan, with 240,000 of these trips being for residents of EFCs.
- As intended, data shows higher usage of the NextGen Bus Plan frequent network (60.6% of trips use the 10 minute or better service, 82.8% of trips use the 15-minute or better service).



Key Findings – Travel Times

- With NextGen, over 500,000 more overall trips (+13%) have short (30 minute or less) travel times compared to pre-NextGen service.
- 27,000 more transit trips (+20%) see 30 minutes or less travel times.
- These results show NextGen can compete well for shorter distance trips that were a potential growth market for transit.

Next Steps

- Staff will return in early 2023 to report on actual ridership trends for the NextGen Bus Plan.
- This reporting will continue through 2023 to help show how the NextGen Bus Plan is supporting ridership recovery.

Thank
You!